

EAST SEARCH

10/13/2006

| L# | Hits | Search String | Databases |
|-----|--------|---|---|
| S1 | 1716 | reservoir same ((well\$1 or target\$1) with (placement\$1 or location\$1))) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB |
| S2 | 18 | (reservoir same ((well\$1 or target\$1) with (placement\$1 or location\$1))) and (automated with ((w | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB |
| S3 | 92 | (reservoir same ((well\$1 or target\$1) with (placement\$1 or location\$1))) and ("three dimensional" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB |
| S4 | 22 | (reservoir same ((well\$1 or target\$1) with (placement\$1 or location\$1))) and ("two dimensional" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB |
| S5 | 13 | (reservoir same ((well\$1 or target\$1) with (placement\$1 or location\$1))) and (filter\$3 with value\$1 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB |
| S6 | 26 | (reservoir same ((well\$1 or target\$1) with (placement\$1 or location\$1))) and (cell with (location\$1 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB |
| S7 | 106 | (reservoir same ((well\$1 or target\$1) with (placement\$1 or location\$1))) and (select\$3 with | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB |
| S8 | 407 | (target\$1 or location\$1)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB |
| S9 | 92 | (reservoir same ((well\$1 or target\$1) with (placement\$1 or location\$1))) and (platform with | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB |
| S10 | 44 | (placement\$1 or location\$1)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB |
| S11 | 57 | (reservoir same ((well\$1 or target\$1) with (placement\$1 or location\$1))) and (trianglat\$3) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB |
| S12 | 63 | (reservoir same ((well\$1 or target\$1) with (placement\$1 or location\$1))) and (cell with (location\$1 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB |
| S13 | 13 | (reservoir same ((well\$1 or target\$1) with (placement\$1 or location\$1))) and (cell with (matrix or r | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB |
| S14 | 9 | (reservoir same ((well\$1 or target\$1) with (placement\$1 or location\$1))) and ("weighted sum") | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB |
| S15 | 16 | (reservoir same ((well\$1 or target\$1) with (placement\$1 or location\$1))) and (window\$3 with (cell | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB |
| S16 | 1 | (reservoir same ((well\$1 or target\$1) with (placement\$1 or location\$1))) and windowing | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB |
| S17 | 19 | (reservoir same ((well\$1 or target\$1) with (placement\$1 or location\$1))) and (mov\$3 near2 windo | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB |
| S18 | 1 | (reservoir same ((well\$1 or target\$1) with (placement\$1 or location\$1))) and (cumulative near2 ve | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB |
| S19 | 5 | (reservoir same ((well\$1 or target\$1) with (placement\$1 or location\$1))) and ((spacing near2 radi | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB |
| S20 | 9 | (reservoir same ((well\$1 or target\$1) with (placement\$1 or location\$1))) and (select\$3 with iterat | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB |
| S21 | 26 | (reservoir same ((well\$1 or target\$1) with (placement\$1 or location\$1))) and (platform with (place | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB |
| S22 | 49 | (reservoir same ((well\$1 or target\$1) with (placement\$1 or location\$1))) and (platform near2 (plac | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB |
| S23 | 222 | (reservoir same ((well\$1 or target\$1) with (placement\$1 or location\$1))) and (automated with ((w | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB |
| S24 | 8 | 5,757,663.pn. or "6,315,054".pn. or "6,006,832".pn. or "6,549,879".pn. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB |
| S25 | 4 | 6,549,879.pn. or "5,740,342".pn. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB |
| S26 | 2 | 20030204311 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB |
| S27 | 6 | ("6,549,879".pn. or "5,740,342".pn.) or "20030204311" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB |
| S28 | 6 | 5,757,663.pn. or "6,006,832".pn. or "6,315,054".pn. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB |
| S29 | 2003 | reservoir same ((well\$1 or target\$1) with (placement\$1 or location\$1))) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB |
| S30 | 2005 | S28 or S29 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB |
| S31 | 19 | S30 and (weighted near2 sum) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB |
| S32 | 2 | S30 and ((weighted near2 sum) with distance) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB |
| L1 | 290606 | (petroleum or hydrocarbon or oil or gas) with (well or reservoir) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB |

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|-----|------|--|---|
| L2 | 3902 | 1 and (platform with (locat\$3 or placement or plac\$3)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB |
| L3 | 2078 | 2 and ((well or target) with (locat\$3 or placement or plac\$3)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB |
| L4 | 132 | 3 and ((optimum or optimal or optimiz\$3) with (locat\$3 or placement or plac\$3)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB |
| L5 | 37 | 4 and ((well or target) with distance) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB |
| L7 | 52 | 4 and (number with well\$1) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB |
| L8 | 0 | 4 and (platform near2 reach) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB |
| L9 | 0 | 4 and (compass near2 direction\$1) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB |
| L10 | 132 | 4 or 5 or 6 or 7 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB |
| L6 | 25 | 4 and (number with platform) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB |
| L11 | 41 | 3 and ((optimum or optimal or optimiz\$3),with platform) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB |
| L12 | 54 | 6 or 11 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB |

10/623347

Richard Colvin

EAST SEARCH

10/13/2006

Results of search set L10:

| Document IKind Codes Title | Issue Date | Current OR | Abstract |
|--|------------|------------|----------|
| US 20050149307 A1 | 20050707 | 703/10 | |
| US 20050142033 A1 | 20050630 | 422/58 | |
| US 20050126911 A1 | 20050616 | 204/470 | |
| US 20050115741 A1 | 20050602 | 175/61 | |
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| US 20050052646 A1 | 20050310 | 356/311 | |
| US 20050016165 A1 | 20050127 | 60/398 | |
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| Method of constructing precast modular marine structures | | | |

US 20030139687 A1 Noninvasive measurement of chemical substances
US 20030093187 A1 PFN/TRAC system™ FAA upgrades for accountable remote and robotics control to stop the un-
US 20030075361 A1 Well system
US 20030066359 A1 Distributed sound speed measurements for multiphase flow measurement
US 20030047308 A1 Wireless downhole measurement and control for optimizing gas lift well and field performance
US 20030034177 A1 High power umbilicals for subterranean electric drilling machines and remotely operated vehicles
US 20030026466 A1 Apparatus for computer-assisted isolation and characterization of proteins
US 20030026465 A1 Method for computer-assisted isolation and characterization of proteins
US 20020175078 A1 Computer-assisted isolation and characterization of proteins
US 20020165671 A1 Method for enhancing production allocation in an integrated reservoir and surface flow system
US 20020157954 A1 Automated system for two-dimensional electrophoresis
US 20020154799 A1 Computer-assisted methods and apparatus for identification and characterization of biomolecules
US 20020133300 A1 Automated system for two-dimensional electrophoresis
US 20020060192 A1 Efficiency water desalination/purification
US 20020049389 A1 Noninvasive measurement of chemical substances
US 20020000316 A1 Method and apparatus for the optimal predistortion of an electromagnetic signal in a downhole cor
US 20010040033 A1 Self-regulating lift fluid injection tool and method for use of same
US 20010036387 A1 Precast modular marine structure & method of construction
US 20010032786 A1 Automated system for two-dimensional electrophoresis
US 20010023626 A1 Automated system for two-dimensional electrophoresis
US 20010015320 A1 Automated system for two-dimensional electrophoresis
US 6873267 B1 Methods and apparatus for monitoring and controlling oil and gas production wells from a remote
US 6868906 B1 Closed-loop conveyance systems for well servicing
US 6866992 B1 Two-phase heat-transfer systems
US 6863362 B2 Acoustically mediated liquid transfer method for generating chemical libraries
US 6857486 B2 High power umbilicals for subterranean electric drilling machines and remotely operated vehicles
US 6840317 B2 Wireless downhole measurement and control for optimizing gas lift well and field performance
US 6822236 B1 Method of optimizing a response of a gas correlation radiometer to a trace amount of a target gas
US 6817412 B2 Method and apparatus for the optimal predistortion of an electromagnetic signal in a downhole cor
US 6813962 B2 Distributed sound speed measurements for multiphase flow measurement
US 6750453 B1 Methods of and apparatus for detecting low concentrations of target gases in the free atmosphere
US 6673249 B2 Efficiency water desalination/purification
US 6672803 B2 Method of constructing precast modular marine structures
US 6668943 B1 Method and apparatus for controlling pressure and detecting well control problems during drilling
US 6643391 B2 Apparatus for computer-assisted isolation and characterization of proteins
US 6601458 B1 Distributed sound speed measurements for multiphase flow measurement
US 6576637 B1 Method and system for storing gas for use in offshore drilling and production operations
US 6575665 B2 Precast modular marine structure & method of construction
US 6554991 B1 Automated system for two-dimensional electrophoresis
US 6548879 B1 Determining optimal well locations from a 3D reservoir model
US 6544193 B2 Noninvasive measurement of chemical substances
US 6508885 B1 Edge sealing structure for substrate in low-pressure processing environment
US 6507664 B1 Two-dimensional gels for separation, identification and characterization of biomolecules
US 6482303 B2 Automated system for two-dimensional electrophoresis

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| US 6451189 B2 | Automated system for two dimensional electrophoresis |
| US 6438259 B1 | Computer-assisted methods and apparatus for identification and characterization of biomolecules |
| US 6434435 B1 | Application of adaptive object-oriented optimization software to an automatic optimization oilfield h |
| US 6416644 B1 | Automated system for two-dimensional electrophoresis |
| US 6398932 B1 | Automated system for two-dimensional electrophoresis |
| US 6394181 B2 | Self-regulating lift fluid injection tool and method for use of same |
| US 6391650 B1 | Protein sample preparation for electrophoresis |
| US 6349769 B1 | Apparatus and method for establishing branch wells from a parent well |
| US 6320820 B1 | High data rate acoustic telemetry system |
| US 6286596 B1 | Self-regulating lift fluid injection tool and method for use of same |
| US 6283678 B1 | Compliant offshore platform |
| US 6283216 B1 | Apparatus and method for establishing branch wells from a parent well |
| US 6279660 B1 | Apparatus for optimizing production of multi-phase fluid |
| US 6247532 B1 | Apparatus for establishing branch wells from a parent well |
| US 6245206 B1 | Automated system for two-dimensional electrophoresis |
| US 6233524 B1 | Closed loop drilling system |
| US 6223855 B1 | Device for dismantling vehicles, in particular for draining the latter. |
| US 6216540 B1 | High resolution device and method for imaging concealed objects within an obscuring medium |
| US 6213045 B1 | Flotation system and method for off-shore platform and the like |
| US 6136173 A | Automated system for two-dimensional electrophoresis |
| US 6123821 A | Automated system for two-dimensional electrophoresis |
| US 6101444 A | Numerical control unit for wellbore drilling |
| US 6073576 A | Substrate edge seal and clamp for low-pressure processing equipment |
| US 6062313 A | Expandable tank for separating particulate material from drilling fluid and storing production fluids. |
| US 6021377 A | Drilling system utilizing downhole dysfunctions for determining corrective actions and simulating c |
| US 5993627 A | Automated system for two-dimensional electrophoresis |
| US 5975207 A | Method and apparatus for handling drill pipe in a deviated well |
| US 5868210 A | Multi-lateral wellbore systems and methods for forming same |
| US 5842149 A | Closed loop drilling system |
| US 5762149 A | Method and apparatus for well bore construction |
| US 5683206 A | Deep water platform with buoyant flexible piles |
| US 5667023 A | Method and apparatus for drilling and completing wells |
| US 5443330 A | Deep water platform with buoyant flexible piles |
| US 5398762 A | Compressor system in a subsea station for transporting a well stream |
| US 5390743 A | Installation and method for the offshore exploitation of small fields |
| US 5382141 A | Compressor system and method of operation |
| US 5191557 A | Signal processing to enable utilization of a rig reference sensor with a drill bit seismic source |
| US 5150987 A | Method for installing riser/tendon for heave-restrained platform |
| US 5147148 A | Heave-restrained platform and drilling system |
| US 5135327 A | Sluice method to take TLP to heave-restrained mode |
| US 5116124 A | Measurement system for scattering of light |
| US 5050130 A | Signal processing to enable utilization of a rig reference sensor with a drill bit seismic source |
| US 5044440 A | Underwater station for pumping a well flow |
| US 4972907 A | Method of conducting well operations from a moveable floating platform |

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| 20020917 204/462 |
| 20020820 382/129 |
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| US 4926391 A | Signal processing to enable utilization of a rig reference sensor with a drill bit seismic source | 19900515 367/41 |
| US 4856889 A | Coal gasification well drilling process | 19890822 166/256 |
| US 4854990 A | Method for fabricating and inserting reinforcing spikes in a 3-D reinforced structure | 19890808 156/173 |
| US 4821445 A | Water delivery system and method | 19890418 43/4.5 |
| US 4781023 A | Wave driven power generation system | 19881101 60/506 |
| US 4746245 A | Offshore drilling and/or production system | 19880524 405/224 |
| US 4606673 A | Spar buoy construction having production and oil storage facilities and method of operation | 19860819 405/210 |
| US 4366988 A | Sonic apparatus and method for slurry well bore mining and production | 19830104 299/14 |
| US 4342278 A | Miniature inflatable containment and dry-water-entry vessels | 19820803 114/345 |
| US 4273066 A | Oil storage vessel, mooring apparatus and oil delivery for the off-shore production of oil | 19810616 114/256 |
| US RE29929 E | Deviated conductor driving system | 19790313 175/9 |
| US 4096039 A | Condition sensing control system for desalinator automation | 19780620 202/205 |
| US 4027734 A | Deviated conductor driving system | 19770607 175/9 |
| US 3987640 A | Column stabilized semisubmersible pipelaying barge | 19761026 405/170 |
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| US 3866697 A | DRILLING SYSTEM | 19750218 175/5 |
| US 3791628 A | MOTION COMPENSATED CROWN BLOCK SYSTEM | 19740212 254/277 |
| US 3778854 A | MOORING AND OIL TRANSFER APPARATUS | 19731218 441/4 |
| US 3703207 A | SUBSEA BUNKER CONSTRUCTION | 19721121 166/337 |
| US 3612177 A | DEEP WATER PRODUCTION SYSTEM | 19711012 166/337 |
| US 3575005 A | METHOD AND APPARATUS FOR OFFSHORE OPERATIONS | 19710413 405/196 |